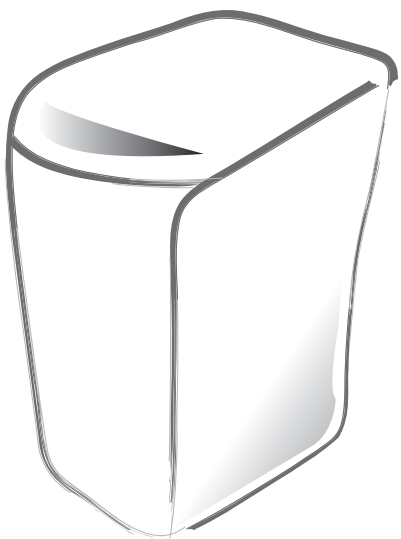
# HEATING WASHING MACHINE

## *Owner's Instructions*

**WA50U1/WA50U6**
**WA60U1/WA60U6**



*We greatly appreciate your purchase of the SAMSUNG washing machine.*
*When initially installing the washing machine, a small amount of water may come out from the water drain hose as there may be water remaining in the hose after the performance test at the factory.*
*To update the product, its external appearance or specifications may change without prior notice.*

### *TABLE OF CONTENTS*


FEATURES ..... 2
SERVICE WARRANTY ..... 2
DESCRIPTION OF PARTS ..... 2
SAFETY PRECAUTIONS ..... 3
CHECK LIST & LAUNDRY PREPARATION ..... 4
PREPARATION BEFORE WASHING ..... 4
BUTTONS & CONTROL PANEL ..... 5
HOW TO WASH AUTOMATICALLY DEPENDS ON THE LAUNDRY? ..... 5
IMPORTANT TIPS! ..... 7
HOW TO CLEAN THE FILTER. ..... 8
BALANCED INSTALLATION ..... 9
GROUNDING ..... 9
HOW TO CONNECT THE WATER SUPPLY HOSE ..... 10
HOW TO CONNECT THE WATER DRAIN HOSE ..... 10
HOW TO ASSEMBLE THE NOISE PREVENTION PANEL ..... 10
TROUBLESHOOTING. ..... 11
UNDERSTANDING ERROR MESSAGES ..... 11
SPECIFICATIONS

## *IN CASE THE NEED FOR SERVICING ARISES*

- Don't hesitate to call any AS center nearby with your name, address and telephone number when anything wrong with your product occurs.

SAMSUNG ELECTRONICS

## *SPECIFICATIONS*

| | |
|---|---|
| POWER CONSUMPTION | WASHING 215W<br>HEATING 2300W~2700W |
| DIMENSIONS (mm) | W450 x D540 x H768 |
| WEIGHT | 26 kg |
| WASHING PRESSURE | 0.05~0.78 MPa<br>(0.5 ~ 8.0 kg · f/cm$^2$) |
| WASHING TYPE | Stirring Type |
| WASHING REVOLUTION | 150/min |
| SPIN REVOLUTION | 900/min |
| WATER USAGE | 79/ |
| POWER SUPPLY | 220V-240V~50Hz |

Code No.: DC68-01260C

# FEATURES

**The Complete Heating Washing technology enabling sterilizing and bleaching**
The Heating Washing function is convenient and clean as it washes garments thoroughly and removes ingrained dirt with its sterilizing and bleaching effect.

**Save Water, Detergent and Time!**
The same level of washing quality compared to other general washing machines can be ensured with a much smaller amount of water, detergent and time.

Please read this manual before using and note how to use in the proper manner.
Please be careful of keeping the manual. Otherwise, it should be bought separately.
The User's Manual is for common use.
Make use of the User's Manual depending upon your washing machine model.

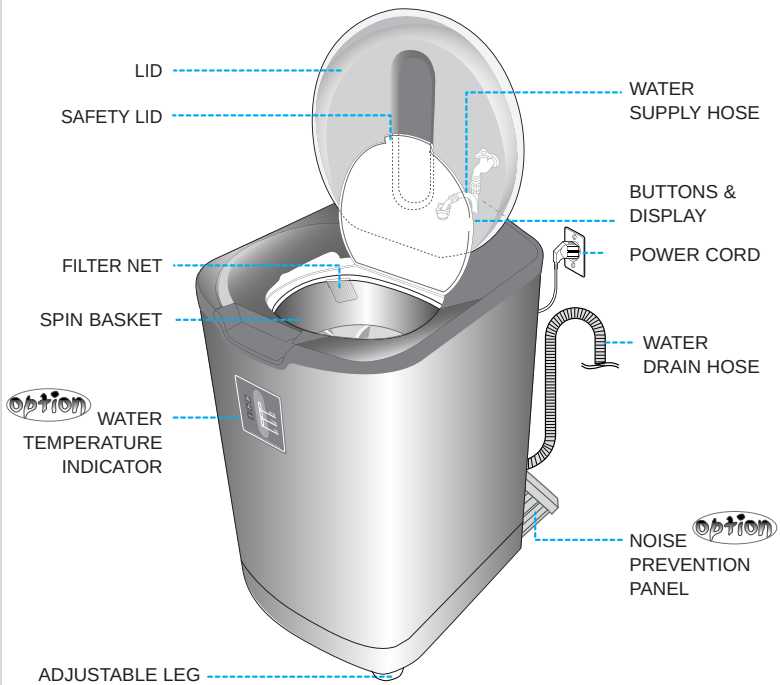
# SERVICE WARRANTY

This product offers a one-year service warranty period starting from the date of purchase.
However, separate service fees are chargeable in the following cases.

- Reinstallation of the washing machine and the connecting of parts.
- On-site service due to an error caused by an alien substance put inside the washing machine.
- On-site service to explain how the machine works.
- Damaged part or malfunction due to a strong impact from outside.
- Any damage or errors caused by user's unauthorized interior modification or disassembling.
- Installing the machine in a place where the installation is prohibited such as a place where soot is being generated or the humidity is very high.
- Any errors caused by abnormal operations which are not described in the User Guide.
- Errors caused by washing items which are not general laundry.
- Any errors caused because you did not follow the 'Safety precautions' on page 3 of this User Guide.

# DESCRIPTION OF PARTS

*The User's Manual is for common use.*
*Make use of the User's Manual depending upon your washing machine model.*



# *SAFETY PRECAUTIONS*

Precautions are divided into "Warning" and "Caution" and these show the following meaning.

**Warning**: If you ignore the item with 'Warning', this may result in a serious injury or death.

**Caution**: If you ignore the item with 'Caution', this may result in a slight injury or damage to the machine.

Follow the safety precautions below properly to prevent any unexpected accident or damage.

To ensure your safety, the machine should be grounded. (Refer to the Guide)

• *Plastic parts may be deformed or damaged, and an electric shock or a fire may take place.*

## ✓ WARNING

**Do not use a damaged power cord, plug or outlet.**
- Do not let the power cord be damaged, modified, pulled, bent, twisted and do not put a heavy object on the cord.
- This may cause an electric shock, short circuit or fire.

**Do not install the washing machine near heating equipment, nor put a lit candle or cigarette on the machine.**
- This may cause fire.

**If the laundry room floods and there is water filling up to the bottom of the machine, do not enter the laundry room.**
- This may cause an electric shock. Drain the water completely before entering the room.

**The machine must be grounded for your safety.**
- In the case of an error or a short circuit, this may cause an electric shock.
- To see the grounding procedure, refer to the User Guide or contact the service center.

**Do not forcefully pull the plug by holding the cord, nor touch it with wet hands.**
- This may cause an electric shock or fire.

**The machine should be disassembled, repaired or modified only by professional service engineers.**
- Unauthorized repair may cause an electric shock, fire or injury.
- Call the applicable service center for any service issues.

**Do not wash or place any garments with gasoline, benzene, thinner or alcohol stains near the machine.**
- This may cause an explosion or fire.

**If the pins on the plug and the area where the pins are connected to the plug are wet or dusty, clean them well.**
- This may cause an electric shock or fire.

**Do not excessively bend the power cord, nor put a heavy object on the cord.**
- This may cause an electric shock or fire.

**Do not put your hand or any metallic object beneath the machine while it is working.**
- This may cause an injury or damage as there is a rotation panel beneath the machine.

**Do not put your hand inside the spin basket until it stops completely.**
- This may cause an injury to your hand. If the machine does not stop after you open the lid, call the service center immediately.

**Use AC 220V~240V power source, which is over 15A.**
- Using a different voltage or rating may cause fire or an electric shock. Using the machine with other electric equipment together may cause fire due to excessive heating.

## ✓CAUTIONS

*There might be a slight injury or damage when you violate this instruction.*

**Do not install the machine in a place which is highly damp such as on a carpet or in a bathroom, or where the machine can be exposed to rain or snow directly**
- This may cause an electric shock or fire.

**Do not let a child look inside the spin basket.**
- Do not leave a chair or stand near the machine.
- If the child falls into the spin basket, this may cause death.

**When cleaning the machine, do not spray water on each part of the machine.**
- This may decrease the life span of the machine. It can also cause fire or an electric shock.

**If you open the lid while the machine is working, all the operation will stop for your safety.**
- If the Heating washing course is set, do not put your hand into the spin basket, as the water may be very hot, causing a burn.
- Opening the lid will not stop the water supply.

**Do not use an extension cord.**
- The excessive heat of the outlet may cause fire.

**Do not put a heavy object on the machine.**
- This may cause deformation or damage of the machine.

**Be careful not to touch the drained water after the Heating washing course, as the water may be very hot.**
- This may cause a burn.

**Install the machine where you can easily access the power cord and plug. Disconnect the plug from the outlet when the machine is not in use.**
- This may cause an electric shock or fire.

**If you hear an unexpected sound, smell or smoke from the machine, disconnect the plug immediately and contact the service center.**
- This may cause an electric shock or fire.

**In a case of gas leakage, ventilate immediately without touching the machine or its plug.**
- A spark can cause an explosion or fire.

**Do not poke the buttons on the machine with a gimlet or a pin.**
- This may cause an electric shock.

**Turn on the tap before washing to see if there is water leakage.**
- Water may leak where the hose or bolts are connected.

**Do not wash waterproof garments, sheets or food with the machine.**
- These may bound during spin-drying or vibrate abnormally, causing an injury.
- Unbalanced vibration may cause damage to the wall of the machine, floor and garments.
- Umbrellas, car covers, sleeping bags, sportswear, foods, etc.

# CHECK LIST & LAUNDRY PREPARATION

Follow these procedures to prevent errors of the machine or damage to garments.
- *If a service is requested due to the following cases caused by customer's fault, a separate fee will be charged.*

## Check List Before Washing

Check the garments, which have never been washed before, to see if they may become discolored.
- Soak a white towel with detergent and rub this strongly on the less noticeable area of the garments in question to see if the white color of the towel changes.
- Pay extra attention to scarves or an imported fabric, as some of these are apt to be discolored.
- Check for any partial dirt or stains.
- To remove the stain, smear the garments with detergent and place it on a towel on a floor and brush the stain to a consistent direction.
- Stain the dirt around the collar, wrist, bottom, and pocket of the garments with detergent and then pat it with a brush before washing.
- When washing a wrinkle-process wool garment, use string to prevent deformation and then remove the string after washing and drying is finished.

### Not Washable Laundry

Clothes which are easily deformable even by soaking in water
- Garments like neckties, brassieres, jackets, suits and coats (made of those materials, which can cause excessive shrinking, discoloring or deformation such as rayon, polynosic, cuff and their blend fabrics) are easily deformed even by soaking in water.
- Wrinkle-processed, embossed, or resin processed products are easily deformed even by soaking in water.
- Products made of cotton, wool, pleated silk, leather products and accessories, leather ornamented clothes are apt to be easily discolored.
- Do not boil running shoes in a washing machine. (The connected part may be disconnected.)
- Do not use the washing machine to wash a garment that does not have the treatment instructions and specification.

### About Detergent

- If detergent is not dissolving well, use warm water.

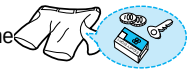
## Caution

- Use only the necessary amount of detergent.
- An excessive amount of detergent does not increase the effectiveness of the washing process. It can damage the garments by reducing the rinse effect.
- A bleaching agent may cause damage to garments, as it is highly alkaline.
- When using powdered detergent, rinse the clothes thoroughly as it may remain on the clothes and cause bad odors.
- If you use an excessive amount of detergent or if the water temperature is too low, detergent may not be completely dissolved and remain on the clothes, hoses or the spin basket, contaminating the clothes.

# PREPARATION BEFORE WASHING

Follow the procedures below to prevent errors of the machine or damage to garments.
- *If a service is requested due to the following cases caused by customer's fault, a separate service fee will be charged.*

**Remove personal belongings from all the pockets.**



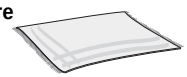
- Check the pockets for hairpins or coins as they may damage the clothes and machine, causing errors and strange sounds.

**The open zippers of pants may damage the spin basket. Tie any strings, close any zippers and then turn the pants inside out before washing.**

- Close all the zippers and hooks of garments like jeans and working uniforms before washing.
- Wash winter jumpers, working uniforms, bed sheets and jeans separately.
- Fold clothes well into the spin basket. Remove hooks from curtains before washing.
- Turn inside out any button decorated or embroidered clothes before washing.
- Be careful with those metallic decorations as they may cause damage to clothes.

- Tie long strings properly as they may get tangled with clothes, causing damage.
- The metal wires of brassieres may stick out and cause damage to other garments or the spin basket. Use a laundry net before washing. (Use a dense laundry net.)

**Waterproof clothes (skiwear, diaper covers, foot mats, etc.) are not allowed in the washing machine.**



- Do not wash, rinse or put any waterproof sheets, clothes, non-water permeable fabrics or food. These items may pop out or cause severe vibration, resulting in injuries and damage to the machine, the wall, the floor or the clothes. (Diaper covers, sportswear, raincoats, umbrella covers, skiwear, car covers, sleeping bags, food, etc.)

**Caution when spin-drying**

- Regular garments
  The water coming out from garments is drained out through the spin basket holes.
- Waterproof clothes, fabrics and food
  Even if the spin basket spins, water cannot drain out from the waterproof clothes and fabrics. Thus the basket cannot spin evenly, causing severe vibration. Waterproof clothes and fabrics or food may also pop up with heavy vibration.

**Remove dirt or soil from clothes.**

- Soil and sand may damage garments, resulting in unsatisfactory washing.

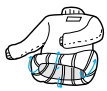
**To protect baby's skin**

- Wash diapers and baby garments (baby clothes and towels) separately. They may become dirty if washed with adult's clothes.

**Pre-wash those heavily dirty areas such as white socks, sleeves and collars.**

- Use powdered or liquid detergent.
- Do not use soap as it may leave dirt on the basket.

**Turn inside out fuzzy garments before washing.**



- Wash separately those clothes, which generate a lot of foreign substance during washing. The foreign substance (dirt, waste thread, etc.) may stick to other garments.
- Wash black colored clothes and cotton towels separately as the foreign substance from the black clothes may stick to the cotton towels. Check this before washing.

**Bulky but light garments such as cashmilon (garments with lace decoration, lingerie, nylon stockings, synthetic fabrics, etc.) may float, causing damage to clothes, parts and the machine. Buy a laundry net or wash them separately.**

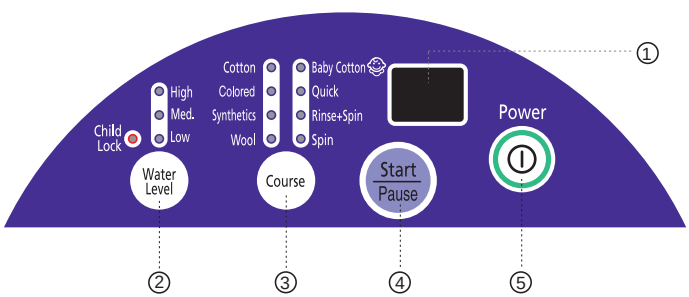
- Clothes with long strings or lace, bed sheets or wool clothes should be washed in a net.
- Use a laundry net when washing garments that are easily damaged.
- Use a commercial laundry net for washing.

**When washing large garments like curtains, floating garments or thick clothes such as jeans, press them to prevent them from floating.**

- If they are floating while washing, press the Start/Pause button and then slowly press them to be soaked. Otherwise, they may damage other garments or the machine and decrease the cleaning quality.

## *BUTTONS & CONTROL PANEL*

*For more details, see control panel of your washing machine*




**1. Remaining Time / Error Indicator**

- Shows the remaining washing time
- Shows you an error and recommends actions

**2. Water Level**

- Use this button to select a water level depending on the volume of garments.
- You can't change the water level while the machine is in operation.

- Child Lock

A child Lock prevents unauthorized use by children during the operation. If the waterlevel button is pressed for 3 seconds, any button isn't operated until the ending except for the power button. In order to cancel this function, press the water level button for 3 seconds again

**3.Course**

- Select a course depending on the type of garments and the level of dirt.
- To see the details of each course, refer to the User Guide.

**4. Start / Pause**

- Use this button to start washing or stop the operation temporarily.

5. **Power**

- Use this button to turn on/off the machine.
- This will be turned off when the washing process is completed.
- If you do not use other buttons to operate the machine while the POWER is on, it will switch off automatically after 10 minutes.

## *HOW TO WASH AUTOMATICALLY DEPENDS ON THE LAUNDRY?*

*Check the following items before starting washing.*

1. Turn on the faucet to open.
   - Check if the water supply hoses are correctly connected to cold water.
2. Plug the power cord in.
3. Make sure the water drain hose is placed at a height of between 90 and 100cm.

**✓ Caution Before Heating**

Wash colored clothes separately according to their color.

- Do not boil garments that may become discolored.
- Do not boil delicate garments such as wool or lingerie.

**✓ How to wash by course**

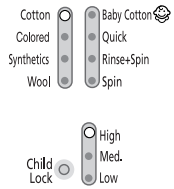
1. Put garments and an appropriate amount of detergent into the washing machine and then close the lid.
   (Put detergent and bleach in before garments to increase the effectiveness.)
2. Press 'POWER'.
3. Select the course that you want by pressing 'COURSE'.
4. Press 'WATER LEVEL' to select a water level depending on the volume of garments.
   (HIGH: 1.5~3.5kg, MED: 0.8~1.5kg, LOW: Less than 0.8kg)
5. Press 'START / PAUSE' to start washing.
- Close the lid.

**Tips**

- If you open the lid while the machine is in use, all the operations will be paused for your safety. (Water will be still supplied.)

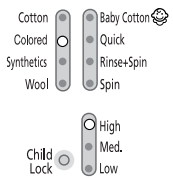
# *HOW TO WASH AUTOMATICALLY DEPENDS ON THE LAUNDRY?*

**Cotton Course (60˚c)***Average or lightly soild cottons*
*Washing capacity: up to 3.5kg*



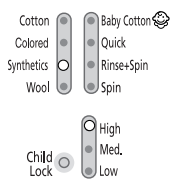

1. Add garments after adding detergent (if necessary, add powdered bleach as well) and then press POWER.
2. Press WATER LEVEL
   - You can select from the HIGH, MED or LOW level.
3. Press STOP/PAUSE.
   - Close the lid.

**Colored Course (40˚c)***Average or lightly soild cottons*
*Washing capacity: up to 3.5kg*



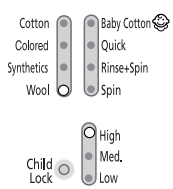

1. Add garments after adding detergent (if necessary, add powdered bleach as well) and then press POWER.
2. Press COURSE.
   - Select Colored
3. Press WATER LEVEL
   - You can select only from the HIGH, MED or LOW level.
4. Press STOP/PAUSE.
   - Close the lid.

**Synthetics Course (40˚c)***Average or lightly soild*
*Washing capacity: up to 3.5kg*



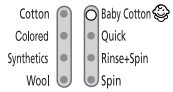

1. Add garments after adding detergent (if necessary, add powdered bleach as well) and then press POWER.
2. Press COURSE.
   - Select Synthetics
3. Press WATER LEVEL
   - You can select only from the HIGH, MED or LOW level.
4. Press STOP/PAUSE.
   - Close the lid.

**Wool Course (30˚c)**
*Only machine washable woolens with pure new wool label*
*Washing capacity: up to 3.5kg*

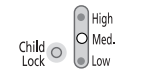



1. Add garments after adding detergent and then press POWER.
2. Press COURSE.
   - Select Wool
3. Press WATER LEVEL
   - You can select from the HIGH, MED or LOW level.
4. Press STOP/PAUSE.
   - Close the lid.

**Baby cotton Course (95˚c)**
*Underwear children's clothes, towels, etc*
*Washing capacity: up to 1.5kg*



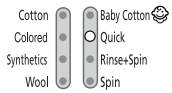

*Add the garments that you need to boil such as baby clothes, diapers, cotton underwear and socks. Dirt can be removed easily when a garment is boiled as the plies of the texture become curved and they rub with each other, discharging ingrained dirt. It is also very effective in sterilization and bleaching.*



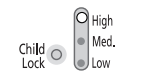

*The washing time has increased and garments will be re-boiled for a while once it reaches the Heating temperature. Garments will also be rinsed 3 times in order to strengthen the Heating Function.*

1. Add garments after adding detergent (if necessary, add powdered bleach as well) and then press POWER.
2. Press COURSE.
   - Select Baby cotton
3. Press WATER LEVEL
   - You can select from the MED or LOW level.
4. Press STOP/PAUSE.
   - Close the lid.

**Quick Course (30˚c)**
*Lightly soilded cottons or Linen blouses, shirts*
*Washing capacity: up to 3.5kg*




1. Add garments after adding detergent and then press POWER.
2. Press COURSE.
   - Select Quick
3. Press WATER LEVEL
   - You can select from the HIGH, MED or LOW level.
4. Press STOP/PAUSE.
   - Close the lid.




**Manual Washing**
*Use only Rinse + Spin?*
1. Turn the power on.
2. Select RINSE + SPIN.
   - Select it by pressing course buttons.
3. Select WATER LEVEL
   - You can select from the HIGH, MED or LOW level.
4. Press STOP/PAUSE.
   - Close the lid.

***Use SPIN only?***

1. Turn the power on.
2. Select SPIN.
   - Press the course button.
3. START/PAUSE
   - Close the lid.

### ✓ As you need

*You can wash clothes efficiently by selecting a water level.*

1. The default setting is HIGH (In case of babycotton, the default setting is MED)
   - Press WATER LEVEL to select the level.
   - Order of the water level : HIGH →MED →LOW → HIGH
   - If you change the water level before the water fills up to the previously selected level, washing time will change.
2. Changing to another course during washing
   - Press START/PAUSE and then select a course. Then, press START/PAUSE again.

### ✓ Caution & Notes When Using the Heating Function

- Be careful with the washing machine as the temperature inside the machine may become very hot during the Heating washing process.
- The HIGH water level cannot be selected for the baby cotton course in order to secure safety water drain. Thus, do not put more than 1.5kg of garments into the machine. Excessive loading may damage clothes. (Under shirts 130g, underpants 50g, socks 50g, standard towel 150g, bathing towel 300g)
- During the Heating process, the machine will not work without its lid being in the closed position.
- You cannot adjust the water level after the course has started.

### ✓ Rust Drain Function

- Anti-damage function of texture due to impurities such as rust on tap water, which drains rust water by means of a pumping motor during 10 seconds along with laundry start for all the courses.

## *IMPORTANT TIPS!*

**The Heating Washing Function**

- If you want to boil and wash clothes manually, you have to go through the entire troublesome process such as rough washing, Heating clothes with detergent and then rinsing repeatedly. The Heating Washing Function ensures a convenient and clean way of washing by automating the complicated manual Heating washing process.

**Why does dirt come out easily?**

- Once a garment is boiled, dirt can easily come out, as the plies of the texture will become curved. Even ingrained dirt can be removed easily as plies often rub each other during the washing process.
- High temperature usually loosens dirty garments so that dirt can be removed or dissolved easily. It can also increase the cleaning effect of detergent.
- The water vapor generated during Heating pulls the dirt from the surface of a garment.

**Why do we need to boil clothes?**

Sterilization Effect

- Heating clothes is very effective in sterilization. It ensures pleasant and clean clothes and prevents bad smells and germs that cause skin allergies.

Bleaching Effect

- Heating clothes is very effective in bleaching by removing ingrained dirt from garments, making the color of garments clearer.

Cleaning Effect

- The higher the temperature is, the better the cleaning effect becomes. Heating washing is one of the best washing methods as the cleaning effect can increase by 60% compared to washing at normal temperature and by 20% even if you use only half of the detergent amount.

**Checking out garments**

1. Group garments per their type, color and the level of dirt. (e.g. heavily stained items, less-discolored items, white or soft items, etc.)
2. Fasten buttons or hooks and remove all the contents from pockets.
3. If a garment is torn or worn out, repair it before washing.
4. Check buttons to see if they are firmly attached.
5. It is recommended to treat heavy stains before washing.
6. If a garment is stuck in the lid, this may damage the garment or cause water leakage. Make sure there is no garment stuck in the lid before washing.

**Garments that should not be boiled**

| | |
|---|---|
| Cotton | T-shirts with low dyeing power<br>T-shirts with patterns<br>Knitted garments |
| Hempen | Wrinkle-free processed garments<br>Hempen garments with rayon mix |
| Wool & Silk | Wash only at a low temperature |
| Synthetic | Blouses, skirts, stockings |
| Rayon & Acetate | Do Not Boil |

**Water Temperature Indicator** option

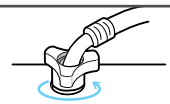
- The indicator senses the water temperature changes at the Heating Course.
- Press the START button and water will be supplied while the lights come on one by one. Once water supply is completed, it will show the water temperature.
- The highest temperature for Heating washing may differ depending on the surroundings.

# *HOW TO CLEAN THE FILTER*

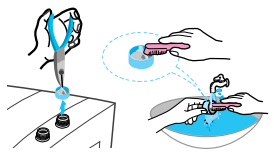
- Please note that this User's Manual is for common use. Make use of the User's Manual depending upon your washing machine model.
- To have a satisfactory washing result, clean the below parts often.

## WATER SUPPLY CONNECTOR FILTER

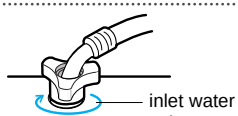
**1.** Disassemble the hose.



**2.** Pull out the filter and wash it well.



**3.** Push in the filter and connect the hose to the inlet water valve tightly.

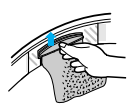



**4.** Check if there is any leakage after tightening the connector.

## ANTI-BACTERIAL FILTER NET

•Clean the filter twice a week. For a clean wash, the collected lint shouldn't be filled more than half of the filter.

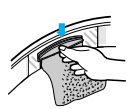
**1.**Push up and out the filter net in the direction of the arrow.



**2.** Remove the collected lint from the filter net.

**3.** Clean the filter.

**4.** Push down the filter net in the direction of the arrow.

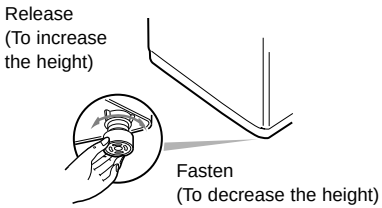


# BALANCED INSTALLATION

- *If the washing machine is not installed evenly, it may tremble severely and cause errors during washing.*

**Adjusting Height**

Adjust the height adjustable legs to make the height of the machine balanced.



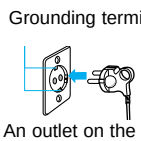

# GROUNDING

*The washing machine must be grounded properly for your safety.*

- *In the case of electric leakage, grounding can prevent electric shocks.*

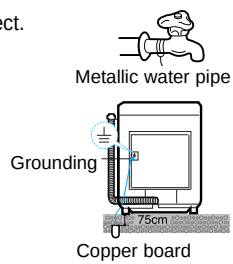
**If there is a grounding terminal on the outlet**

- You do not need additional grounding.



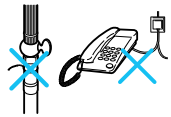

**If there is no grounding terminal on the outlet**

- Purchase a grounding wire from a Samsung Electronics service center and connect this to the spot where the grounding symbol (⏚) is at the back of the machine. Then connect the other end of the wire to a metallic water pipe or an outlet designed for grounding.
- A plastic water pipe does not provide any grounding effect.
- Wind the tap faucet with the copper wire 2 or 3 times.
- When connecting the wire to the copper board, bury it into the damp ground by 75cm depth.




**✓ Caution**

**Do not ground to the following places.**

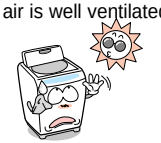


- Do not ground the washing machine to a telephone cable or a lightning rod. This may become very dangerous in a case of lightning.
- Do not ground to a gas pipe. This may cause an explosion.
- If there is no grounding point in the place, connect the electric leakage breaker to the outlet.

**Installation Precautions**

- Install the washing machine on a stable and balanced surface.

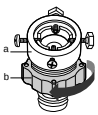
- Avoid places where the machine can be exposed to direct rays of sunlight or high humidity and install it in a place where the air is well ventilated.



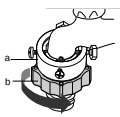
- Do not install the machine where poison gas leakage is possible or where the machine can be frozen in winter.

# HOW TO CONNECT THE WATER SUPPLY HOSE option

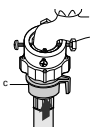
1. Remove the adaptor from the water supply hose.



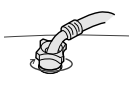

2. First, using a “+” type screw driver, loosen the four screws on the adaptor. Next, take the adaptor and turn part(b) following the arrow until there is a 5mm gap.



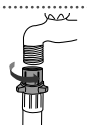

3. Connect adaptor to the water tap by tightening the screws firmly. Then, turn part (b) following the arrow and put(a) and (b) together.




4. Connect the water supply hose to the adaptor. Pull down part (c) of the water supply hose. When you release part (c) the hose automatically connects to the adaptor making a ’click’ sound.



5. Connect the other end of the water supply hose to the inlet water valve at the top of the washer. Screw the hose clockwise all the way in.

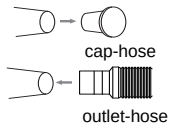


- If the water tap has a screw type faucet, connect the water supply hose to the tap as shown.

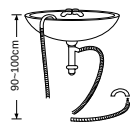
**NOTICE** : *After completing connection, if water leaks from the hose, then repeat the same steps. Use the most conventional type of faucet for water supply. In case the faucet is square or too big, remove the spacing ring before inserting the faucet into the adaptor.*

# HOW TO CONNECT THE WATER DRAIN HOSE

Take out the cap-hose and connect the outlet-hose.



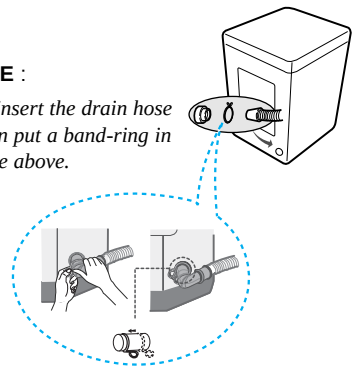

Install the drain hose in the position of about 90~100cm above the ground.




Be sure to join tightly the drain hose into the drain-outlet on the back of the machine.

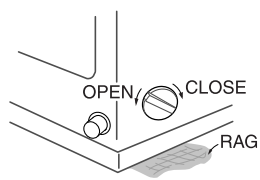
**NOTICE** :

*Firstly insert the drain hose and then put a band-ring in as figure above.*



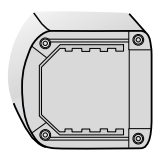
## HOW TO CLEAN THE FILTER

1. Place a rag under the washer filter not to wet the floor.
2. Rotate the filter counterclockwise and pull out the filter.
3. Remove dirts and rotate the filter clockwise until it locks in position.

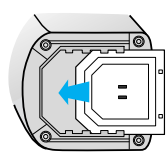



# HOW TO ASSEMBLE THE NOISE PREVENTION PANEL option

1. Place the panel towards the side of the machine.
   - Do not place the panel toward the front or back of the machine.
   - Be careful not to damage the appearance of the washing machine.



2. Push the panel to the assembling structure.
   - Inserting the panel will reduce the noise remarkably.
   - Once the panel is assembled, it will not disassem-ble to ensure your safety.



# TROUBLESHOOTING

**CHECK THE FOLLOWING LIST BEFORE REQUESTING A SERVICE.**
- When you request a service if the washing machine is not out of order, you will have to pay the service fee even though your warranty is still effective.
- Check the following list before requesting a service.

**I CAN'T TURN ON THE POWER.**
- Are you using the correct voltage?
  ➢ This product is designed only for 220V~230V use.
- Is the plug disconnected?
  ➢ Connect the power plug.

**THE WATER IS NOT DRAINED PROPERLY.**
- Is the hose bent?
  ➢ Unfold the bent area of the hose.
- Is the waterway hole of the drain hose blocked?
  ➢ Remove any blockage from the hole.

**THE WASHING MACHINE WILL NOT WORK.**
- Is the lid open?
  ➢ Close the lid.
- Is it on PAUSE?
  ➢ Press START/PAUSE again to see if the machine works.
- Was the water supplied to the set level?
  ➢ If the water pressure is low, it may take longer than usual.
- Is the tap turned on?
  ➢ Turn on the tap.

**THE WATER SUPPLY HOSE AND THE SPIN BASKET ARE FROZEN.**
- Disconnect the hose after pouring warm water on the tap and then soak it in warm water.
- Pour warm water into the spin basket and leave it for 10 minutes.
- Leave a hot wet towel on the connecting part of the hose.
- Once the hose gets warm, connect this again to see whether water is supplied properly.

**WATER DOES NOT SEEM TO BE SUPPLIED.**
- Did you press START/PAUSE after selecting the water supply?
  ➢ If you do not press START/PAUSE button, water will not be supplied. Press this button.
- Is the tap turned off?
  ➢ Turn the tap on.
- Is there any foreign substance blocking the water supply hose connecting part filter?
  ➢ Clean the filter.
- Is the water supply cut off?
  ➢ In this case, turn off the tap as well as the power of the machine.

**WATER LEAKING FROM THE CONNECTING PART OF THE WATER SUPPLY HOSE.**
- If the connecting part of the tap is loose, water may leak.
  ➢ Re-assemble the hose from the beginning.
  (Refer to page 10 'How to connect the Water Supply Hose'.)
- Check the rubber packing is inserted in the hose properly.
  ➢ Re-fasten the packing tightly.
- Is the hose twisted?
  ➢ Untwist the hose.
- Excessive water pressure may cause water leakage.
  ➢ Turn off the tap slightly.
- Is the water leaking from the tap itself?
  ➢ Repair the tap.

**WASHING MACHINE VIBRATES OR IS TOO NOISY WHEN SPIN-DRYING.**
- Check to see if garments are not loaded evenly.
  ➢ Spread garments evenly and restart the operation.
- Check the machine is installed in a balanced manner.
  ➢ Balance the machine.
- Are there unnecessary objects around the washing machine?
  ➢ Remove these objects.

# UNDERSTANDING ERROR MESSAGES

| DISPLAYED | SOLUTION |
|---|---|
| | If water is not supplied after 20 minutes, this symbol will show up along with a warning sound.<br>• Check the tap is turned on. |
| | If water is not drained after 15 minutes, this symbol will show up along with a warning sound.<br>• Check if there is a blockage inside the drain hose. |
| | If the draining water is hot after washing, this symbol will show up along with a warning sound.<br>• Check the cold water tap is turned on. |
| | If you open the lid during washing, this symbol will show up with a warning sound.<br>• Close the lid. |
| | This symbol shows the spin-dry function is not working.<br>• Check the garments to see if they are unevenly loaded. |
| | The washing machine may be out of order. Contact the service center. |